



STIC Search Report

EIC 3700

STIC Database Tracking Number: 148213

**TO: Linda Sholl
Location: RND 8a31
Art Unit: 3700
Monday, March 21, 2005**

Case Serial Number: 10/718509

**From: Terry Solomon
Location: EIC 3700
RND 8b31
Phone: 272-3509**

terrance.solomon@uspto.gov

Search Notes

No current or past litigation found involving US pat. 6321793.

Sources:

Lexis/Nexis
Questel-Orbit

591877 (09) 6321793 November 27, 2001

Time of Request: March 18, 2005 01:28 PM EST

Research Information:

Utility, Design and Plant Patents
patno=6321793

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6321793

November 27, 2001

Bladder system for reinforcing a portion of a longitudinal structure

REISSUE: November 20, 2003 - Reissue Application filed Ex. Gp.: 3752; Re. S.N. 10/718,509 (O.G. June 15, 2004)

APPL-NO: 591877 (09)

FILED-DATE: June 12, 2000

GRANTED-DATE: November 27, 2001

ASSIGNEE-AT-ISSUE: L&L Products, Romeo, Michigan, 02

ASSIGNEE-AFTER-ISSUE: June 12, 2000 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS), L&L PRODUCTS 160 MCLEAN DRIVE ROMEO MICHIGAN 48065, Reel and Frame Number: 10867/0918

LEGAL-REP: Dobrusin & Thennisch PC - ##0

Selected file: PLUSPAT
PLUSPAT - (c) Questel-Orbit, All Rights Reserved.
Comprehensive Worldwide Patents database

**** SS 1: Results 1**
PRT SS 1 MAX 1 LEGALALL

1 / 1 PLUSPAT - @QUESTEL-ORBIT

Patent Number :

US6321793 B1 20011127 [US6321793]

Title :

(B1) Bladder system for reinforcing a portion of a longitudinal structure

Patent Assignee :

(B1) L & L PRODUCTS (US)

Patent Assignee :

L&L Products, Romeo MI [US]

Inventor(s) :

(B1) CZAPLICKI MICHAEL J (US); COON THOMAS L (US)

Application Nbr :

US59187700 20000612 [2000US-0591877]

Priority Details :

US59187700 20000612 [2000US-0591877]

Intl Patent Class :

(B1) F16L-055/12

EPO ECLA Class :

B29C-044/18

B29C-070/74B

B62D-029/00F1

US Patent Class :

ORIGINAL (O) : 138093000; CROSS-REFERENCE (X) : 138089000 138172000

Document Type :

Basic

Citations :

US1814677; US3054636; US3123170; US3493257; US3665968; US3746387;
US3757559; US3890108; US4019301; US4029128; US4082825; US4083384;
US4090734; US4238540; US4378395; US4397490; US4440434; US4457555;
US4559274; US4610836; US4613177; US4705716; US4732806; US4751249;
US4762352; US4803108; US4836516; US4853270; US4861097; US4898630;
US4901500; US4908930; US4917435; US4922596; US4923902; US4978562;
US4989913; US4995545; US5102188; US5122398; US5124186; US5213391;
US5255487; US5266133; US5344208; US5373027; US5395135; US5506025;
US5560672; US5575526; US5580120; US5642914; US5648401; US5649400;
US5652039; US5707098; US5725272; US5731069; US5755486; US5766719;
US5785376; US5786394; US5803533; US5804608; US5806915; US5806919;
US5819408; US5855094; US5866052; US5878784; US5884960; US5885688;
US5888600; US5888642; US5901528; US5901752; US5904024; US5932680;
US5934737; US5941597; US5984389; US5985435; US5988734; US5992923;
US5994422; US6003274; US6004425; US6022066; US6050630; US6053210;
US6058673; US6059342; US6068424; US6077884; US6079180; US6082811;
US6090232; US6092864; US6094798; US6096403; US6096791; US6099948;
US6102379; US6102473; US6103341; US6103784; US6110982; US6129410;
US6131897; US6135542; US6149227; US6150428; US6152260; US6153709;
US6165588; US6168226; DE2919046; DE90111478 G; DE4028895 C1; DE93203330
G; DE19858903 A1; EP821021359; EP902021500; EP911045466; EP941013435;
EP959130824; EP0893331 A1; EP0891918 A1; EP0893332 A1; FR2749263 A1;
GB628863; GB8028960; GB8725028; JP61118211; JP64-69309; JP64-69308;
JP01164867; JP2-206537; JP5-38992; WO8800029 P; WO9200468 P; WO9500896
P; WO9505749 P; WO9611155 P; WO9710693 P; WO9719981 P; WO9707644 P;
WO9808980 P; WO9816461 P; WO9817994 P; WO9900035 P; WO9900770 P;
WO9901855 P; WO9901865 P; WO9816461 P; WO9904279 P; WO9904263 P;
WO9900424 P; WO9910441 P; WO9911195 P; WO9911194 P; WO9911110 P;
WO9911109 P; WO9903832 P; WO9906112 P; WO9918820 P; WO9918832 P;

WO9907143 P; WO9924795 P; WO9909909 P; WO9909541 P; WO9909732 P;
WO9910151 P; WO9929987 P; WO9929991 P; WO9929986 P; WO9929990 P;
WO9929992 P; WO9904103 P; WO0000010 P; WO0000021 P; WO0001644 P;
WO0000497 P; WO0002631 P; WO0001474 P; WO0000123 P; WO0037302
PCT WO 99/08854 Harrison et al. Publication Date Feb. 25, 1999.*

PCT WO 00/13958 Wycech, Publication Date Mar. 16, 2000.*

PCT WO 99/61289 Wycech, Publication Date Dec. 2, 1999.*

PCT WO 00/41916 Wycech, Publication Date Jul. 20, 2000.

Publication Stage :

(B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001

Abstract :

A bladder system and method for reinforcing at least a portion of a structural member, including a flexible barrier member for dividing at least a portion of the structural member being reinforced into one or more sections; and a reinforcement material for filling one or more sections bounded by the flexible barrier member. The reinforcement material filling one or more sections of the structural member can be a pumpable polymeric material, and the flexible barrier member can be a polymeric material.

Update Code :

2001-49

1 / 1 LGST - @EPO

Patent Number :

US6321793 B1 20011127 [US6321793]

Application Number :

US59187700 20000612 [2000US-0591877]

Action Taken :

20000612 US/AS-A

ASSIGNMENT

OWNER: L&L PRODUCTS 160 MCLEAN DRIVE ROMEO MICHIGAN 48065

ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:CZAPLICKI, MICHAEL J.;COON, THOMAS L.;REEL/FRAME:010867/0918;SIGNING DATES FROM 20000605 TO 20000606

20040615 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20031120

Update Code :

2004-29

1 / 1 CRXX - @CLAIMS/RRX

Patent Number :

6,321,793 A 20011127 [US6321793]

Patent Assignee :

L&L Products Inc

Actions :

20031120 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20040615

REISSUE REQUEST NUMBER: 10/718509

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3752

Reissue Patent Number:

Session finished: 18 MAR 2005 Time 20:38:34

QUESTEL.ORBIT thanks you. Hope to hear from you again soon.